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25X1 [redacted]

CIA PID ADMR 59/63
16 April 1963
Copy #5 of 5

MEMORANDUM FOR: Chief, Atomic/Biological/Chemical Division, OSI

25X1 ATTENTION: [redacted]

FROM: Chief, CIA/PID(NPIC)

SUBJECT: Measurements of Certain Structures at the Angarsk and Tomsk AEC Complexes

REFERENCES: Requirement No. OSI/R-116/63
CIA Project No. C 453-63

1. Measurements have been made of the items specified in the referenced requirement. All dimensions are given in feet and should be considered as approximate, although every effort has been made to make them as accurate as possible with the available photographic data and materials.

Angarsk Gaseous Diffusion Plant

Gaseous Diffusion Bldg. No. 1 (overall)	2650' x 210'
Width of Roof Ventilators	40-45'
Centerline Distance Between Ventilators	115'
Number of Ventilators	22
Gaseous Diffusion Bldg. No. 2 (overall)	3160' x 210'
Width of Roof Ventilators	40-45'
Centerline Distance Between Ventilators	150'
Number of Ventilators	20
Gaseous Diffusion Bldg. No. 3 (exclusive of 360' x 230' section across south end)	2535' x 210'
Width of Roof Ventilators	20-25'
Centerline Distance Between Ventilators	105'
Number of Ventilators	22 or 23
Gaseous Diffusion Bldg. No. 4 (overall)	3045' x 210'
Width of Roof Ventilators	20-25'
Centerline Distance Between Ventilators	105'
Number of Ventilators	28
Pumphouse Near Gaseous Diffusion Buildings	210' x 60'
Building Associated with Pumphouse	160' x 50'

GROUP 1
Excluded from automatic downgrading and declassification
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Tomsk Atomic Energy Complex
Gaseous Diffusion Area

Gaseous Diffusion Building No. 5 (exclusive of section across south end	
Width of Roof Ventilators	30-35'
Centerline Distance Between Ventilators (PIC/JR-1003/61)	135'
Number of Ventilators	13
Gaseous Diffusion Building No. 6	1700' x 215'
Width of Roof Ventilators	25'
Centerline Distance Between Ventilators	130'
Number of Ventilators	12
Pumphouse Serving Gaseous Diffusion Buildings 5 and 6	150' x 55'
Building Associated with Pumphouse	100' x 40'

Reactor Area No. 1

Steam-Turbo-Generator Hall (exclusive of section across south end)	1050' x 190'
Length of Old Section	395'
Length of New Section	655'
Length of Steam-Generator Bay (on reactor side of hall)	1050'
Length of Hall Fronted by Exposed Pipes	350'
Old Cooling Towers	
Diameter at Base	
Diameter at Top	100'
Height	210'
New Cooling Towers	
Diameter at Base	185'
Diameter at Top	110'
Height	210'

2. The photo analyst on this project is He may be contacted on extension should you have further questions regarding this project. This memorandum answers the referenced requirement and the project is considered complete.

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